

CLASSIFICATION CONFIDENTIAL **CONFIDENTIAL**
 CENTRAL INTELLIGENCE AGENCY REPORT
 INFORMATION FROM
 FOREIGN DOCUMENTS OR RADIO BROADCASTS CD NO.

50X1-HUM

COUNTRY USSR

DATE OF
INFORMATION 1948

SUBJECT Military - Air

DATE DIST. 15 May 1950

HOW
PUBLISHED BookWHERE
PUBLISHED Moscow

NO. OF PAGES 3

DATE
PUBLISHED 1949SUPPLEMENT TO
REPORT NO.

LANGUAGE Russian

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE
 OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT 80
 U. S. C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION
 OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PRO-
 HIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Za chest' otechestvennoy nauki i tekhniki, Military Publishing House,
 Ministry of the Armed Forces USSR, 1949.

TABLE OF CONTENTS FOR "IN HONOR OF SOVIET SCIENCES AND TECHNOLOGY"
BY LIEUTENANT COLONELS B. SIMAKOV AND S. SHILOV

This 270-page book consists of a collection of articles which appeared in Vestnik Vozhdushnogo Flota (Herald of the Air Fleet) in 1948. It is intended as a handy reference for students of the history of the Soviet Air Force attending higher and middle military Air Force schools.

This book, the first of its kind, is hailed as a contribution not only to the technical qualifications of future Soviet airmen but also will serve to inform them of the true history of Soviet aviation.

NOTE: All articles listed are on a popular-science level.

TABLE OF CONTENTSPage

Foreword	
General Leytenant V. Klovov	3
The Soviet Air Force in Its Struggle for Freedom and Independence	
K. Vershinin	5
Lenin and Stalin - Initiators and Developers of the Soviet Air Force	
A. Nikitin	19
Bolsheviks of the Soviet Air Force	
A. Sukhdonovskiy	34
Development of Soviet Aerial Technology	
V. Pyshnov	45

- 1 -

CONFIDENTIAL

CLASSIFICATION		CONFIDENTIAL											
STATE	<input checked="" type="checkbox"/>	NAVY	<input checked="" type="checkbox"/>	NSRB		DISTRIBUTION							
ARMY	<input checked="" type="checkbox"/>	AIR	<input checked="" type="checkbox"/>	FB									

CONFIDENTIAL

CONFIDENTIAL

50X1-HUM

	<u>Page</u>
Our Country - Birthplace of Aviation and Aerial Navigation N. Terent'yev	60
Creators of Soviet Planes and Engines V. Popov	73
Soviet Aerial Reciprocating Engines Ye. Bugrov	84
The Russian Aerodynamics School A. Mel'nikov	92
Our Country - Land of Rocket and Jet Technology I. Kulagin	105
Russian Pilots - Founders of Intricate Maneuvers P. Stefanovskiy and V. Bolotnikov	113
Soviet Pilots - Masters of Intricate Combat Maneuvers P. Stefanovskiy and V. Bolotnikov	123
Amphibians of the Soviet Air Fleet V. Shavrov	132
Armament of Soviet Aircraft I. Pimenov	139
Bombing Equipment of Soviet Aircraft M. Kordonskiy	148
Modern Conception of the Theory of Aerial Bombardment N. Bruyevich	155
Soviet Navigators N. Kudryavtsev	167
History of Soviet Aerial Navigation Technology N. Kudryavtsev	174
Soviet School of Airfield Builders V. Blinov	179
Aviation in the Service of the National Economy A. Baydukov	187
The Aleksandr Mozhayskiy Movement V. Popov	193
Father of Soviet Aviation Ye. Latynin	202
S. A. Khristianovich - Leader of the Soviet Aerodynamics School A. Mel'nikov	208
A Famous Contemporary Pilot A. Belyakov	215
Famous Contributor to Soviet Aviation Science V. Bolotnikov	221
Valuable Addition to Soviet Science A. Vol'mir and Ye. Kononenko	226

- 2 -

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

50X1-HUM

	<u>Page</u>
Inventors of the First Soviet Air-Cooled Aircraft Engines A. Senichkin and N. Chevemnykh	233
Soviet Plane Model Enthusiasts N. Babayev	242
Higher, Further, and Faster Than Anyone Else	250
Famous Dates in Soviet Aviation	258
Society of Friends of the Air Fleet (ODVF)	264
First Graduation at the Air Force Academy	265
Pilot K. K. Artsevlov's Spin Recovery, First in the World	267
First Flight over the Great Northern Route	268
Heritage of A. N. Lapchinskiy	269

- E N D -

- 3 -

CONFIDENTIAL

CONFIDENTIAL